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HYBRID CORN

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Acreage Passes 90 Percent Mark

The acreage of corn planted with hybrid varieties in the United States this year is estimated at 90.8 percent of the total planted acreage, according to the Crop Reporting Board. Growers planted hybrids on 89.4 percent of the acreage in 1955, 87.3 percent in 1954, and 86.5 percent in 1953. While the percentage increased again this year, the actual acreage planted to hybrid varieties declined 1,099,000 acres from 1955 because of a reduction in all corn acreage.

Practically all the acreage in the main Corn Belt States has been planted with hybrid varieties for many years and by 1956 nearly all corn from the eastern sections of South Dakota, Nebraska and Kansas eastward to the Atlantic was planted with hybrid seed. The southeastern States show a continued increase each year as better adapted varieties become available. There was a substantial increase in hybrids this year in North and South Carolina, Georgia, Florida, Tennessee and Alabama, but there was little change in Oklahoma, Arkansas, Mississippi and Louisiana. Texas shows an increase.

Nearly all western States increased the percentage planted with hybrids in 1956. Practically all the acreage in the Pacific States is planted with hybrids but in most Rocky Mountain States the proportion is less than three-fourths.

Opportunities for expansion in hybrids are necessarily limited to the western and southern States. Such expansion will continue if hybrid varieties in the fringe areas out-yield the open-pollinated varieties for grain and for silage.

Estimates of the acreage of corn planted with hybrids are available for 24 years as shown below. Accompanying the current estimates are tables showing, by States, revisions of estimates of corn acreage planted with hybrid seed. These revisions are a natural consequence of the revisions of planted acreage of all corn for 1949-55.

Corn acreage planted with hybrid seed, United States, 1933-56

Year	All corn : acreage	Percentage : planted with : hybrid seed	Indicated : hybrid corn : acreage	Year	All corn : acreage	Percentage : planted with : hybrid seed	Indicated : hybrid corn : acreage
1933	109,830,000	0.1	143,000	1945	89,261,000	64.7	57,778,000
1934	100,563,000	.4	372,000	1946	88,898,000	68.9	61,271,000
1935	99,974,000	1.1	1,140,000	1947	85,038,000	72.5	61,676,000
1936	101,959,000	3.1	3,166,000	1948	85,522,000	76.0	64,990,000
1937	97,174,000	7.9	7,632,000	1949	86,738,000	78.3	67,901,000
1938	94,473,000	14.9	14,079,000	1950	82,859,000	78.0	64,613,000
1939	91,639,000	22.5	20,618,000	1951	83,275,000	81.5	67,889,000
1940	88,692,000	30.5	27,011,000	1952	82,230,000	84.6	69,528,000
1941	86,837,000	39.3	34,134,000	1953	81,574,000	86.5	70,546,000
1942	88,818,000	46.4	41,199,000	1954	82,185,000	87.3	71,788,000
1943	94,341,000	52.4	49,428,000	1955	81,492,000	89.4	72,856,000
1944	95,475,000	59.2	56,475,000	1956	79,016,000	90.8	71,757,000

CORN ACREAGE PLANTED WITH HYBRID SEED, 1949-51

State	1949			1950			1951		
	All	Percent-	Indi-	All	Percent-	Indi-	All	Percent-	Indi-
	corn	age	cated	corn	age	cated	corn	age	cated
	acreage	planted	Hybrid	acreage	planted	Hybrid	acreage	planted	Hybrid
	planted	with	corn	planted	with	corn	planted	with	corn
	(000)	Hybrid	acreage	(000)	Hybrid	acreage	(000)	Hybrid	acreage
		seed	(000)		seed	(000)		seed	(000)
Maine	13	75.0	10	15	78.0	12	15	80.0	12
N. H.	12	80.0	10	13	82.0	11	13	86.0	11
Vt.	58	78.0	45	67	81.0	54	66	83.0	55
Mass.	36	82.0	30	36	83.0	30	33	87.0	29
R. I.	7	82.0	6	7	84.0	6	7	87.0	6
Conn.	40	84.0	34	40	85.0	34	38	88.0	33
N. Y.	653	78.5	513	673	82.0	552	646	84.5	546
N. J.	177	85.0	150	174	91.0	158	186	93.5	174
Pa.	1,339	87.0	1,165	1,312	88.5	1,161	1,338	90.0	1,204
Ohio	3,627	98.5	3,573	3,384	98.5	3,333	3,546	99.0	3,511
Ind.	4,729	99.0	4,682	4,406	99.0	4,362	4,596	99.0	4,550
Ill.	9,280	100.0	9,280	8,352	100.0	8,352	8,895	100.0	8,895
Mich.	1,694	88.0	1,491	1,592	89.5	1,425	1,672	91.5	1,530
Wis.	2,701	94.0	2,539	2,620	95.5	2,502	2,489	96.5	2,402
Minn.	5,796	96.0	5,564	5,227	96.5	5,044	5,469	96.5	5,278
Iowa	11,549	100.0	11,549	9,837	100.0	9,837	10,386	100.0	10,386
Mo.	4,220	96.0	4,051	4,043	97.0	3,922	4,447	97.5	4,336
N. Dak.	1,239	52.5	650	1,338	53.5	716	1,244	56.0	697
S. Dak.	4,138	74.0	3,062	3,890	74.5	2,898	4,084	78.5	3,206
Nebr.	7,628	94.5	7,208	7,018	94.0	6,597	7,369	95.0	7,001
Kans.	2,532	82.0	2,076	2,608	85.0	2,217	2,791	86.0	2,400
Del.	139	89.5	124	139	90.0	125	162	92.5	150
Md.	453	91.5	414	448	92.5	414	487	94.0	458
Va.	1,007	76.0	765	973	78.0	759	973	78.0	759
W. Va.	257	67.5	173	241	69.5	167	216	76.0	164
N. C.	2,238	31.0	694	2,282	34.5	787	2,196	38.0	834
S. C.	1,412	22.0	311	1,452	28.0	407	1,323	34.0	450
Ga.	3,135	13.0	408	3,295	17.0	560	3,134	27.5	862
Fla.	580	21.5	125	625	32.0	200	606	35.0	212
Ky.	2,396	85.0	2,037	2,180	86.5	1,886	2,180	87.0	1,897
Tenn.	2,153	44.0	947	2,174	49.0	1,065	2,065	49.5	1,022
Ala.	2,567	15.0	385	2,678	17.5	469	2,536	26.0	659
Miss.	2,182	23.0	502	2,247	22.5	506	1,910	31.0	592
Ark.	1,175	55.5	652	1,422	60.5	860	1,052	63.5	668
La.	790	23.5	186	853	30.5	260	725	35.0	254
Okla.	1,152	56.5	651	1,083	64.5	699	1,029	68.5	705
Texas	2,426	51.0	1,237	2,959	57.0	1,687	2,249	64.5	1,451
Mont.	202	20.0	40	204	28.0	57	180	26.0	47
Idaho	27	70.5	19	27	72.5	20	29	76.0	22
Wyo.	54	15.0	8	55	20.0	11	54	27.0	15
Colo.	649	64.0	415	597	52.0	310	591	45.0	266
N. Mex.	98	10.5	10	81	15.0	12	62	17.5	11
Ariz.	33	3.5	1	34	3.5	1	34	3.5	1
Utah	32	67.5	22	31	72.5	22	32	75.0	24
Nev.	2	45.5	1	2	53.0	1	3	51.0	2
Wash.	21	75.0	16	19	80.0	15	21	78.0	16
Oreg.	27	79.5	21	25	80.0	20	27	88.0	24
Calif.	63	77.0	49	81	86.0	70	69	90.0	62
U. S.	86,738	78.3	67,901	82,859	78.0	64,613	83,275	81.5	67,889

CORN ACREAGE PLANTED WITH HYBRID SEED, 1952 - 1954

State	1952			1953			1954		
	All corn acreage planted (000)	Percent age planted with Hybrid seed	Indi- cated Hybrid corn acreage (000)	All corn acreage planted (000)	Percent age planted with Hybrid seed	Indi- cated Hybrid corn acreage (000)	All corn acreage planted (000)	Percent age planted with Hybrid seed	Indi- cated Hybrid corn acreage (000)
Maine	14	86.0	12	14	90.0	13	12	91.0	11
N. H.	12	90.0	11	13	93.0	12	12	95.0	11
Vt.	61	86.0	52	62	89.0	55	62	94.0	58
Mass.	32	91.0	29	30	96.0	29	30	97.0	29
R. I.	7	90.0	6	7	94.0	7	7	95.0	7
Conn.	35	92.0	32	36	94.0	34	39	96.0	37
N. Y.	661	87.5	578	683	89.0	608	735	90.5	665
N. J.	197	95.5	188	191	95.5	182	201	96.5	194
Pa.	1,358	91.5	1,243	1,358	93.0	1,263	1,344	93.5	1,257
Ohio	3,581	99.0	3,545	3,545	99.5	3,527	3,715	99.5	3,696
Ind.	4,633	99.5	4,610	4,712	99.5	4,688	4,839	99.5	4,815
Ill.	9,034	100.0	9,034	9,377	100.0	9,377	9,377	100.0	9,377
Mich.	1,667	92.5	1,542	1,805	94.0	1,697	1,935	95.0	1,838
Wis.	2,439	97.0	2,366	2,563	97.5	2,499	2,691	97.5	2,624
Minn.	5,288	97.5	5,156	5,651	98.0	5,538	5,522	98.5	5,439
Iowa	10,782	100.0	10,782	11,213	100.0	11,213	10,540	100.0	10,540
Mo.	4,225	98.0	4,140	4,113	98.0	4,031	4,565	98.5	4,497
N. Dak.	1,095	62.0	679	1,150	57.0	656	1,276	61.0	778
S. Dak.	3,757	82.5	3,100	3,982	80.0	3,186	4,101	81.0	3,322
Nebr.	7,001	95.5	6,686	7,281	95.5	6,953	6,922	96.0	6,645
Kans.	2,819	91.5	2,579	2,453	91.5	2,244	2,281	93.0	2,121
Del.	181	94.0	170	169	96.5	163	173	98.5	170
Md.	517	96.5	499	491	97.5	479	512	98.0	502
Va.	973	83.0	808	944	86.0	812	920	89.0	819
W. Va.	206	77.5	160	196	78.5	154	202	82.5	167
N. C.	2,223	42.0	934	2,201	41.5	913	2,194	46.5	1,020
S. C.	1,297	44.0	571	1,206	44.0	531	1,154	47.0	542
Ga.	3,225	43.0	1,387	2,947	48.5	1,429	3,044	54.0	1,644
Fla.	650	55.0	358	611	56.5	345	599	58.5	350
Ky.	2,115	89.0	1,882	1,969	89.5	1,762	2,083	91.0	1,896
Tenn.	2,044	52.5	1,073	1,819	56.0	1,019	1,928	60.0	1,157
Ala.	2,536	39.0	989	2,322	50.5	1,173	2,417	58.0	1,402
Miss.	1,872	36.0	674	1,666	44.0	733	1,766	45.0	795
Ark.	989	68.5	677	781	73.5	574	862	74.5	642
La.	703	39.5	278	605	42.5	257	647	47.0	304
Okla.	833	72.5	604	508	70.0	356	348	69.0	240
Texas	2,174	71.5	1,554	1,942	74.5	1,447	1,967	72.5	1,426
Mont.	149	32.5	48	152	31.0	47	178	36.0	64
Idaho	39	78.5	31	43	80.0	34	46	80.5	37
Wyo.	56	35.0	20	60	42.0	25	64	40.0	26
Colo.	485	58.5	284	422	74.5	314	498	71.5	356
N. Mex.	65	20.0	13	80	22.5	18	80	27.0	22
Ariz.	36	5.0	2	35	5.0	2	37	10.0	4
Utah	37	76.5	28	40	82.0	33	39	79.0	31
Nev.	3	54.0	2	4	55.5	2	3	59.0	2
Wash.	21	84.0	18	23	86.0	20	38	94.5	36
Oreg.	25	89.0	22	23	86.5	20	29	85.0	25
Calif.	78	92.0	72	76	95.0	72	151	98.0	148
U. S.	82,230	84.6	69,528	81,574	86.5	70,546	82,185	87.3	71,788

CORN ACREAGE PLANTED WITH HYBRID SEED, 1955-1956

State	1955			1956		
	All corn	Percentage	Indicated	All corn	Percentage	Indicated
	acreage	planted	Hybrid corn	acreage	planted	Hybrid corn
	planted	with	acreage	planted	with	acreage
	(000)	Hybrid seed:	(000)	(000)	Hybrid seed:	(000)
Maine	12	91.0	11	11	91.0	10
N.H.	11	96.0	11	10	97.0	10
Vt.	62	96.0	60	61	97.0	59
Mass.	30	98.0	29	29	98.0	28
R.I.	6	97.0	6	6	97.0	6
Conn.	41	97.0	40	43	98.0	42
N.Y.	729	91.0	663	707	92.5	654
N.J.	207	97.0	201	197	98.0	193
Pa.	1,344	94.0	1,263	1,331	94.5	1,258
Ohio	3,752	99.5	3,733	3,677	99.5	3,659
Ind.	4,941	99.5	4,916	4,815	99.5	4,791
Ill.	9,366	100.0	9,366	8,991	100.0	8,991
Mich.	2,012	97.0	1,952	1,992	97.5	1,942
Wis.	2,772	98.0	2,717	2,800	98.0	2,744
Minn.	5,850	99.0	5,792	5,733	99.0	5,676
Iowa	10,799	100.0	10,799	10,745	100.0	10,745
Mo.	4,291	99.0	4,248	4,248	99.5	4,227
N.Dak.	1,404	64.0	899	1,334	65.5	874
S.Dak.	4,224	84.0	3,548	4,055	85.5	3,467
Nebr.	6,714	96.5	6,479	6,311	95.5	6,027
Kans.	1,802	95.0	1,712	1,730	93.0	1,609
Del.	172	99.0	170	155	99.0	153
Md.	523	98.5	515	481	98.0	471
Va.	879	90.0	791	817	90.5	739
W.Va.	188	83.5	157	171	84.0	144
N.C.	2,139	60.5	1,294	2,011	70.5	1,418
S.C.	1,055	49.0	517	1,013	54.5	552
Ga.	2,820	64.0	1,805	2,735	69.5	1,901
Fla.	599	70.0	419	587	84.0	493
Ky.	1,941	92.5	1,795	1,863	93.5	1,742
Tenn.	1,774	62.5	1,109	1,792	71.5	1,281
Ala.	2,276	65.5	1,491	2,276	70.5	1,605
Miss.	1,642	49.0	805	1,511	49.5	748
Ark.	681	76.5	521	667	77.5	517
La.	647	48.0	311	628	51.5	323
Okla.	349	70.5	246	335	70.5	236
Texas	2,083	73.0	1,521	1,958	81.0	1,586
Mont.	190	39.5	75	184	41.0	75
Idaho	56	90.0	50	60	90.0	54
Wyo.	76	40.0	30	72	43.0	31
Colo.	553	73.0	404	442	73.5	325
N.Mex.	60	31.0	19	58	35.0	20
Ariz.	51	29.5	15	46	36.0	17
Utah	41	77.0	32	41	84.5	35
Nev.	3	59.0	2	3	60.0	2
Wash.	38	95.5	36	40	92.0	37
Oreg.	42	95.0	40	28	98.0	27
Calif.	245	98.5	241	216	98.5	213
U.S.	81,492	89.4	72,856	79,016	90.8	171,757